

1998 EDITORIAL *Index*

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'Big Bugs' Descend on Botanical Gardens in Chicago and New York. *May 1, page 16*

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Florida Tourist Attraction Gets New Life as Botanic Garden. *The Indian River Land Trust has turned dilapidated land in Vero Beach into a botanic garden*. *Jan. 15, page 16*

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A Quick Read. Bar codes and hand-held scanners are eliminating some of the most time-consuming inventory-management tasks wholesale growers and nursery owners face. *Kurt Harter. May 1, page 28*

Businesses Prepare to Combat the Millennium Bug. As the year 2000 approaches, businesses across the world are trying to head off the impending chaos that will be brought on by computer systems unable to process the new date. *May 1, page 16*

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CONTAINER GARDENING

Container Kaleidoscope. As the popularity of container gardening continues to increase, decorative pots made from plastic, stone and wood are being introduced as alternatives to traditional terra-cotta containers. Jim Van Dellen. June 15, page 26

CONTESTS/AWARDS

All-America Selections Announces 1999 Winners. All-America Selections has chosen its 1999 award-winning plants in the bedding plant, vegetable, flower and gold medal flower categories. July 1, page 16

AMERICAN NURSERYMAN Recognized for Design Excellence. The Jan. 1, 1997, issue of AMERICAN NURSERYMAN was named an award finalist for best cover for a trade magazine under 35,000 circulation in Folio's annual Ozzie awards. Jan. 1, page 18

Canadian Horticulturist's Achievements Recognized by Royal Horticultural Society. Bruce Macdonald, director of the University of British Columbia Botanical Garden in Vancouver, was awarded the prestigious Gold Veitch Memorial Medal by England's Royal Horticultural Society. Aug. 15, page 16

Hosta Growers Association Honors 'Fragrant Bouquet'. American Hosta Growers Association names Hosta 'Fragrant Bouquet' the 1998 Hosta of the Year. April 1, page 18

IPPS Honors Virginia Nursery Professional. Charles Parkerson, general manager of Lancaster Farms Inc. in Suffolk, VA, was presented with the IPPS' International Award of Merit. Jan. 1, page 16

Morton Arboretum Master Site Plan Recognized. The Morton Arboretum receives an award for its master site

plan from the Illinois chapter of the American Society of Landscape Architects. March 15, page 12

Morton Arboretum Wins PR Award. The Morton Arboretum receives the Silver Anvil award from the Public Relations Society of America for its year-long 75th anniversary campaign. Aug. 1, page 22

NADF Seeks Nominations for Awards. The National Arbor Day Foundation accepts nominations for the 1999 National Arbor Day Awards. Aug. 1, page 23

Perennial Plant Association Honors 'Goldsturm' Black-Eyed Susan. June 15, page 16

Pursell Holds Sign Contest for Retailers. Pursell Industries Inc., Sylacauga, AL, holds a contest for retailers to find the oldest printed promotional materials for each of its major lawn and garden product brands. Sept. 1, page 20

Rain Bird Float Recognized in Rose Bowl Parade. March 15, page 14

CRIME/FRAUD

MN Lawn-Care Company Fired. The Minnesota Department of Agriculture won a recent court decision against a lawn-care company accused of illegally applying lawn-care chemicals and ignoring a cease-and-desist order. Oct. 15, page 18

Oregon Growers Warned of Fraudulent Pesticide Sales. The Oregon Department of Agriculture issues a warning to agriculture and horticulture growers about buying pesticide products over the phone. June 1, page 14

EDUCATION/TRAINING (see also PROFESSIONAL CERTIFICATION)

Arborist Training Program Promotes Safety, Skill. Jan. 15, page 18

EMPLOYEE ISSUES/MANAGEMENT

All's Fair ... There are several actions you can take to help protect your business from unfair competition. Fred S. Steingold. Oct. 15, page 52

Breaking the Language Barrier. Specialized courses in Spanish for horticulture majors can open the lines of communication between American nursery professionals and Hispanic migrant workers. Bob Ritz. March 1, page 46

Can the Government Actually Help Me? Labor Watch. Jansen Chazanoff. March 1, page 10

Connecticut Raises Minimum Wage. Sept. 15, page 20

Damage Control. Sexual harassment lawsuits can be devastating to your business. Protect your company — and your employees — by implementing an unyielding policy against harassment. Phillip M. Perry. May 1, page 62

Evaluating Your Labor Force. Labor Watch. Jansen Chazanoff. June 1, page 8

The Fundamentals of Communicating with Employees. Labor Watch. Jansen Chazanoff. Oct. 1, page 14

Já Hablamos de Plantas! Providing horticulture training for Spanish-speaking employees in their native language limits costly errors and increases on-the-job safety. John Begeman. March 1, page 42

Handle with Care. Under the Americans with Disabilities Act, employers must make exceptions to policies when dealing with employees who suffer from psychiatric disorders. Fred S. Steingold. April 1, page 91

Hold Your Fire. Wrongful-discharge lawsuits can be financially disastrous to your business. Carefully follow the proper procedures — before and during termination —

to avoid being hauled into court. Phillip M. Perry. May 15, page 63

How Do Injuries Impact Your Bottom Line? Labor Watch. Jansen Chazanoff. Jan. 1, page 10

Laboring Over Compliance. A Department of Labor wage and hour investigator shares some tips on how nursery owners can ensure compliance with federal labor laws. Leah Bocanegra. April 1, page 79

Minding the Time. Managing your time efficiently can affect how well your business runs, and how much work you can get out of your employees. Donald W. Jackson. April 1, page 85

President Ready to Raise Minimum Wage. President Clinton plans to propose increasing the minimum wage by \$1, bringing it to \$6.15 an hour. April 1, page 18

Risky Business. By following a few simple management techniques, you can greatly reduce your liability for costly employee disputes. Diane Kristen. Feb. 1, page 54

Second that Emotion. Using emotional intelligence to solve problems in the workplace can help keep your business on the road to success. Phillip M. Perry. Aug. 1, page 66

Stay on Guard. Correct machine guarding can protect employees from injury and prevent expensive workers' compensation claims. Andrew J. Mauschbaugh. Dec. 1, page 60

Strategy For Hire. The aggressive recruiting efforts of a Wisconsin nursery have succeeded in filling skilled-labor positions. Find out what steps are needed to create a team of employees who are qualified and loyal. Jim Van Dellen. June 1, page 54

ENDANGERED PLANTS

US Leads World in Endangered Plant Species. Almost one in three US

plant species are threatened by extinction. June 1, page 18

ENVIRONMENT

Invasive Fern Threatens Plant Life in Florida. Sept. 15, page 19

Lyme Disease Likely to Increase in 1999. A major outbreak of Lyme disease could occur next year in the oak forests of the Northeast, according to the Institute of Ecosystem Studies in Millbrook, NY. July 1, page 20

EQUIPMENT/SUPPLIES

A Cut Above. Rider and walk-behind mowers for 1998 have increased speed, power and maneuverability. Hydraulics, mulching blades and floating decks are just some of the features added to ensure better performance and operator comfort. Jim Van Dellen. March 1, page 50

A Mulch Better Method. A modified manure spreader allows growers to efficiently apply organic mulch, which enhances plant health and growth. John Bentley. Aug. 1, page 46

A String of Differences. Although string trimmers have maintained their basic design over the years, today's machines feature subtle and significant changes that are beneficial to the environment and to landscapers. Kevin E. Manzel. March 1, page 58

Choosing Your Pruner. Pruners exist in different sizes and shapes for almost any task. Here is a brief roundup of the pruning tools and reference aids available to nursery professionals. Kevin E. Manzel. Jan. 15, page 48

Get a Grip. Manually lifting and carrying heavy containers can cause injury to your employees. But researchers at the University of California have come up with a simple and effective tool for improving the ergo-

nomics of this important task. Dr. James M. Meyers. May 15, page 46

Gettin' Hitched. Vehicle attachments are valuable tools of the field-growing trade — from planting to harvesting. Beth L. Gainer. Aug. 1, page 30

The Green Machines. Facing a diminishing labor pool and increasing labor costs, the green industry continues to come up with its own labor-saving equipment. Jim Van Dellen. Dec. 1, page 24

Husqvarna Technology Showcased at Smithsonian. News brief. Oct. 15, page 12

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Lessons in Leaching. A research study shows that environmentally friendly container media with low nitrate-leaching levels can be produced with either natural or synthetic slow-release fertilizers. Nils Sundquist. April 15, page 39

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Freight charges on plant
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But a simple equation
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Fulfilling Dreams. A
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is demanding changes
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Engineering Superior
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California Grower Builds
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American Propagators
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Coming to a Root System
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Containing Root
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Forward Thinking. A
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Missouri Gravel Bed
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Publication Details Water
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Agricultural Engineering
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Walking a Fine Line. Plant
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Best Supporting Roles.
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pH Balanced. *Nursery*
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Updated Insecticide
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Weeding Out Costly
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ZeroTol Fungicide Re-
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INTERNATIONAL BUSINESS

Company Offers Health
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Brokers Ltd., Barrington,
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Coverage for All. *The new*
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Covering All Bases. *A new*
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Florida Adopts New
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Florida Files New
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Cooking Without a
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agement can help land-
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G. Mawhinney. April 1,
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Free Irrigation Software
Available from Hunter.
Hunter Industries, San
Marcos, CA, releases a
free software program
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The Irrigation Sensation.
Increasing water costs are
a headache to land-
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large projects. New irriga-
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may reduce water costs.
Stephen W. Smith. Feb. 1,
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Government Agencies
Hold Invasive-Plant
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Department of Interior
hold a forum to discuss
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Best of the Best. *Best*
Management Practices
for irrigation can help
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The Disinfection
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must consider a variety
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Disinfection for Plant
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Environmental Irrigation.
Drip irrigation systems
can water plants in the
landscape more
effectively than other
types of irrigation systems
and conserve our natural
resources. But the systems
are intricate, and involve
many components. Here's
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system and how it works.
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Just Add (a Little) Water.
Water-conserving land-
scapes that utilize the
seven principles of
Xeriscape are beneficial
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and the environment, and
can also be colorful and
diverse. Ken Ball. April 1,
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Retaining Water. *A British*
Columbia nursery owner
details the installation of
a water-recycling system
designed to prevent
flooding and conserve
water. John Byland. July
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Waterlogged Wilma Says . . .

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LANDSCAPE BUSINESS

Interface Intelligence. With proper communication between company and client, a landscape business can spell success. Clyde Vadner. Sept. 1, page 75

Take Your Best Shot. If a picture's worth a thousand words, then photographing your landscapes speaks volumes about your work. Charles W. Bowers. Oct. 1, page 67

LANDSCAPE DESIGN/INSTALLATION

A Secret Garden. A Colorado landscape artist brings mountain mystique to a suburban side yard in this Superior Site. Sally D. Benson. Jan. 15, page 26

Avoiding Landscape Mistakes. With proper design practices and consumer education, landscape designers can reduce — and eliminate — landscape wrongdoings. Gregory M. Pierceall. July 15, page 52

Borderline Basics. With a little creativity and some popular plants, a designer can turn a spacious residential landscape into a colorful mixed border. Bruce C. Neary. Feb. 1, page 46

Dutch Direction. Bold, elegant garden designs from Holland are setting the precedent for what plants will be used in North American landscapes. Derek Fell. Jan. 15, page 32

Garden Harmony. Only by fully experiencing a site can landscape designers effectively create an artistic landscape that incorporates the line and form of its surroundings. Warren P. Leach. July 1, page 38

Got the Blues? From blooms to berries, blue lends a feeling of security and confidence to any garden setting. Donald W. Jackson. June 15, page 46

In Living Color. A well-planned flower bed filled

with colorful perennials and ornamental grasses brings an improved image to a site and creates a vibrant setting for all who come to visit. James C. Schmidt and Greg Stack. Sept. 1, page 78

Landscapes in Vogue. The American Garden Awards program honors those responsible for the design, construction and maintenance of unique gardens. The 1997 winners show that great landscapes come in all styles — from luas to dragons. Jennifer Hooks. April 15, page 48

Landscaping for the Millennium. Imaging and computer-aided design (CAD) software has saved landscapers both time and money — and increased sales. Leah Bocanegra. May 1, page 34

Look to the Light. As more homeowners discover the beauty of landscape illumination, more landscape designers will find themselves trying to find the best light sources for their clients. Jennifer Hooks. Sept. 15, page 26

Move Over Cactus. With proper design, maintenance and plant selection, professionals and consumers alike can create water-conserving landscapes that are attractive and appealing. Virginia I. Lohr and Caroline H. Pearson-Mims. Sept. 1, page 26

The Planting Basics. The steps taken before and after planting a tree are critical to its proper establishment. Here are some suggestions on how landscapers can ensure successful establishment by choosing the right tree and maintaining it correctly. Gary Watson and Gene Himelick. May 15, page 40

Pretty in Pink. From showy perennials to flowering trees and shrubs, pinks and related hues can brighten the home landscape year-round. Donald W. Jackson. May 1, page 46

Ask for it by THE RIGHT NAME

Get DataScape's Guide to Commercial Nomenclature.

The power of your computer now makes it easier than ever to keep inconsistent plant names or local jargon from putting errors into your quotations or purchase orders. DataScape's new CD reference dictionary of more than 13,700 commercial plant names gives you virtually instant access to trademarks, patent names, invalid names and keywords that use common names as a guide to Latin genus names. DataScape organizes it all to make it simple for you to be certain the plant you want is exactly the plant you buy or sell.

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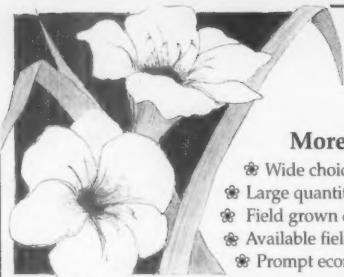
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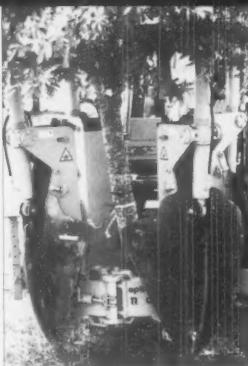


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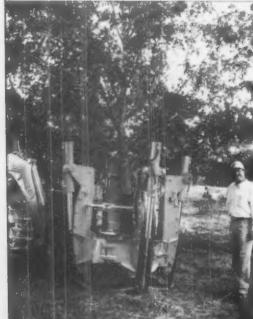


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Room for Growth. A spacious residential lawn doesn't have to be open to the whole neighborhood. By breaking up the yard into garden rooms, landscape designers can create a garden that is as private and relaxing as rooms inside the house. Ruth Olde. April 1, page 38

Small Wonders. By incorporating garden bonsai into landscape designs, you can create great drama on a small scale for your customers. Alie Noden. Sept. 1, page 54

Subtle Structure. By combining traditional and contemporary views of structure, landscape designers can create beautiful, harmonious gardens. Marguerite Koepke. Sept. 15, page 32

Top Landscapes from the Bottom of the World. US landscapers can take a lesson from New Zealanders, who use familiar plants in innovative ways. Derek Fell. April 1, page 28

True to Form. By highlighting the forms and textural qualities of flowering herbaceous plants, landscape designers can develop gardens that entice and captivate customers. Donald W. Jackson. Aug. 1, page 38

The Ultimate Garden Illusion. Using simple design techniques, designers can turn small gardens into spacious-looking landscapes that are both functional and stunning. Pat Hollingsworth. Nov. 15, page 30

Urban Celebration. A concrete lot is transformed into a spacious garden just a heartbeat away from New York City in this Superior Site. Beth L. Gaines. Dec. 1, page 32

Weaving a Landscape Tapestry. Landscape fabrics are used in many ways — from soil stabilization and weed barriers to assisting growing media in newly installed landscapes. Kevin E. Manzel. Feb. 15, page 48

**LEGISLATION/
REGULATION, NATIONAL**

ANLA Calls for Fair Implementation of Food Quality Protection Act. June 1, page 16

Grass Roots Campaign Forces IRS to Clarify Tax Rule. Feb. 1, page 18

Guest Worker Bill Passes in Senate. The US Senate approves agricultural guest worker legislation intended to fix the H-2A temporary foreign worker program. Sept. 1, page 19

Methyl Bromide Phaseout Extended. Dec. 15, page 16

Road Rules. Nursery professionals must adhere to US Department of Transportation regulations when shipping plants and other materials. W. Clay Eppard. Aug. 1, page 53

Senate Defeats Minimum Wage Increase. News brief. Nov. 15, page 14

US Allows Interstate Sales in Colorado Basin. News brief. March 1, page 16

**LEGISLATION/
REGULATION, STATE**

CLCA Continues to Fight Gas-Powered Leaf Blower Bans. July 15, page 14

MNLA Supports Sales Tax Reduction on Field Equipment. April 15, page 12

NH Grants Greenhouses Property Tax Exemption. Nov. 15, page 14

Oregon Issues Fines for Pesticide Violations. April 15, page 16

Oregon Issues Fines for Pesticide Violations. July 1, page 19

Wisconsin Landscape Contractors Protest Retaining Wall Sales Tax. July 15, page 12

**MARKETING/
ADVERTISING**

AARS Offers Free Promotional Material. News brief. Feb. 1, page 18

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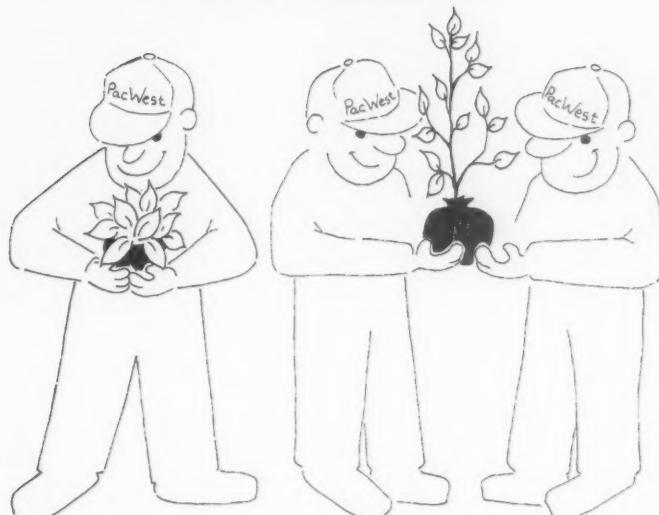
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Advertising Analysis.
A North Carolina survey indicates that many independent garden center customers are not influenced by advertisements. However, increased sales and consumer feedback at garden centers indicate otherwise. Jim Van Dellen. Nov. 15, page 50

An Ad's Worth a Thousand Words. Creating an effective print-advertisement campaign can help your company prosper. Phillip M. Perry. Sept. 15, page 52

Buy Monthly. The Arizona Nursery Association's Plant of the Month promotion increases planting interest year-round, highlights low-water-use plants and brings more customers into retail nurseries. Jennifer Hooks. July 1, page 58

Creating Customer Loyalty. Companies do not always know how they rate with their customers. Here are some ways to evaluate your customers' needs, whether you are meeting them and how you can improve customer loyalty. Dave St. John and Larry Fish. Feb. 1, page 64

Going to the Market. By understanding who their clients are and what they want, landscape designers can not only create beautiful gardens, but a profit as well. Dr. John Ball. June 15, page 40

Jockeying for Position. To remain competitive in today's market, nursery professionals must identify a need and then satisfy it at a price consumers are willing to pay, but will produce a profit for the company. Dr. Robin G. Brumfield. Aug. 1, page 58

MI Nursery Chain Establishes Identity with Characters. English Gardens runs a television and radio advertising campaign designed to establish a personality for the company. Jan. 1, page 14

Package Deal. A Connecticut grower has developed a marketing strategy that helps retailers sell entire gardens rather than single plants. Scott Reil. Sept. 15, page 46

Plant-Breeder Co-op Launches Regional, National Campaign. Proven Winners has launched a marketing program designed to promote its product lines at the retail level both locally and nationally. May 15, page 18

Wave Petunias to Appear on HGTV. Wave petunias from PanAmerican Seed Co., West Chicago, IL, will be featured in an ad campaign on the Home & Garden Television Network. Nov. 1, page 18

MASS MERCHANDISING

Home Depot Denied Storage Permit. News brief. May 15, page 14

Lowe's Fined for Alleged Diazinon Dumping. Pest Control brief. Dec. 15, page 8

MERGERS/ACQUISITIONS

International Garden Products Buys Skagit Gardens. April 1, page 18

Let's Make a Deal. Purchasing a garden center or nursery is an efficient way to expand your business, but there are several legal and financial hurdles to overcome. Fred S. Steingold. July 1, page 71

Pursell Industries Buys IMC Vigoro. May 15, page 18

TruGreen ChemLawn Buys Ruppert Landscape. Nov. 15, page 18

MULCH

Fighting Fungi. When applied properly, mulches and composts provide many beneficial effects. Learn how to control nuisance and detrimental molds in these organic materials before they cause plant diseases. Harry A.J. Hoitink and Matthew S. Krause. Oct. 1, page 44



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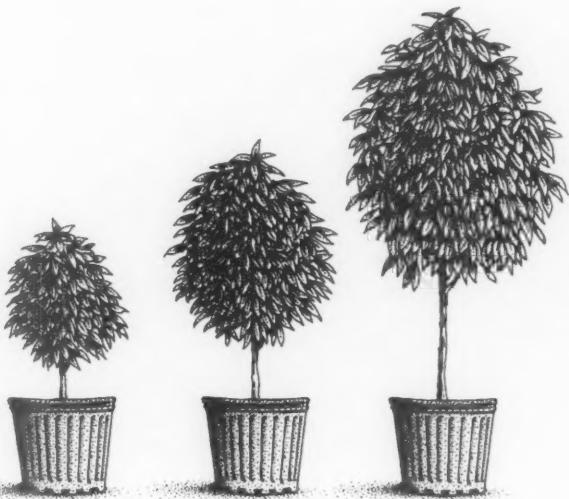
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Going to Waste. Research shows that paper pellets control weeds in container nurseries without harming plants or the environment. Dee Smith, Dr. Charles Gilliam and Dr. James Edwards. Oct. 15, page 30

Mulch Matters. The proper use of organic mulch offers numerous benefits for your woody landscape plants. Mark L. Gleason and Jeffrey K. Iles. Feb. 15, page 24

NATIVE PLANTS

Conserving Beauty. The US Plant Materials Centers have found several native, herbaceous wetland species to be as practical as they are beautiful. Jennifer Kujawski. Nov. 15, page 42

Habitat Forming. Natural forests and wild prairies don't have to be a random act of nature. With a little observation and imagination, landscapers can create their own native habitats. Michael B. Romero. March 15, page 54

Native for Native's Sake? If native plants are used simply because they are native, without proper regard to site conditions, customers will likely be disappointed with the results. Michelle J. Buckstrum and Dr. Nina L. Bassuk. May 15, page 55

Canadian Company Starts US Operation. Valleybrook Gardens Ltd., Abbotsford, British Columbia, opens a growing and distribution nursery near Cecilton, MD. Nov. 1, page 18

Center for Plasticulture Established at Pennsylvania State University. Aug. 1, page 20

Child Travels Cross-Country on Lawn Mower. News brief. Jan. 1, page 14

Color Spot Nurseries Rescinds IPO. News brief. March 15, page 12

NURSERY INDUSTRY
1997 Wage and Benefit Survey. An industrywide labor shortage continues to affect nursery professionals' wages and benefits. Leah Bocanegra. June 1, page 37

2,000-Year-Old Forest Unearthed in Oregon. News brief. May 1, page 16

Ball Forms Genetic Engineering Unit. Ball Horticultural Co., West Chicago, IL, forms a new genetic engineering unit, Ball Helix. News brief. July 1, page 14

The Cottage Gardens Celebrates 75 Years of Change. March 15, page 16

Developing Creative Adaptations from Other Industries. Labor Watch. Jansen Chazanoff. May 1, page 10

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The Effects of Consolidation on the Green Industry. *Labor Watch*. Jansen Chazanoff. July 1, page 8

Funding Available for IPM Exhibitors. The USDA makes funds available for US companies planning to exhibit at IPM in Essen, Germany. News brief. Aug. 1, page 16

Growing Your Business — The Planning Process. *Labor Watch*. Jansen Chazanoff. Sept. 1, page 8

The Heaths Launch a New Bulb Company. Brent and Becky Heath open Brent and Becky's Bulbs, a mail-order bulb company. Nov. 15, page 18

The Heaths Released from The Daffodil Mart. Brent and Becky Heath, former owners of The Daffodil Mart in Gloucester, VA, are released from the company by its current owner, Eliot Wadsworth Jr. of White Flower Farm in Litchfield, CT. June 15, page 14

Helping Hands. Because all the details involved with running a business can be costly and time-consuming, there are now several industries in place to offer support services. Phillip M. Perry. July 1, page 64

Horn Canna Farm Celebrates 70 Years. Feb. 1, page 22

Hosts to the World. Participating in an exchange program can contribute to a nursery's day-to-day operations — and open up a new world for employees and customers. Coleen Speer. Feb. 15, page 44

The Importance of Selling Effectively. *Labor Watch*. Jansen Chazanoff. Aug. 1, page 10

J.C. Raulston Professorship Established. The J.C. Raulston Distinguished Professorship of Horticultural Science established at North Carolina State University, Raleigh. Sept. 1, page 20

John Denver Memorial Grove Established. The National Arbor Day Foundation establishes the John Denver Memorial Grove in the White River National Forest in Colorado. News brief. May 1, page 16

Kurt Bluelmer Inc. Expands With Florida Nursery. Sept. 15, page 12

Making the Cut. Understanding how trees respond to pruning and being aware of different pruning methods can enhance the development, preservation and value of trees. The International Society of Arboriculture. Jan. 15, page 42

Marketplace Revisited. Company executives and industry leaders discuss the economy, mass merchants, labor issues and plant trends as the industry faces the year 2000. Jim Van Dellen. Sept. 1, page 48

Media Draws Attention to Labor Shortage in Oregon Nursery Industry. Feb. 15, page 12

Mid-Am Attendance Sets New Record. March 15, page 17

Minnesota Revives Loan Program for Beginning Farmers. The Minnesota Legislature establishes an annual \$5 million reserve to reinstate an agriculture development loan program that enables beginning farmers to purchase land, equipment, buildings and livestock. March 15, page 14

Monrovia Introduces Information Line. Monrovia introduces a toll-free phone number to help consumers find the garden center nearest to them that carries Monrovia plants. News brief. April 15, page 12

Monrovia Launches Wildlife Collection. Monrovia introduces a collection of wildlife-friendly plants in cooperation with the National Audubon Society. Nov. 1, page 23

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National Champion Tree Register Now Available. May 1, page 21

Horticulture. News brief. Dec. 1, page 12

Research Shows New Attitudes at Trade Shows. July 15, page 16

Richard Lighty Retires from Mt. Cuba Center. Nov. 1, page 22

Showing Off. Winter trade shows and conferences offer prime networking and educational opportunities. Plan now to take advantage of them during the upcoming season. Kathleen Lucadamo. Nov. 1, page 69

Speer & Sons Nursery Celebrates Golden Anniversary. Dec. 1, page 15

SW Trade Show Attracts Record Number. News brief. Nov. 15, page 14

ODA Creates Pesticide Division. The Oregon Department of Agriculture creates a division devoted entirely to pesticides. Feb. 1, page 24

Tidwell Nurseries Celebrates Golden Anniversary. April 15, page 4

Trade Show Attendees Likely to Recall Sales Assistance. Dec. 15, page 14

Omaha Rallies to Replace Trees Damaged in Snowstorm. Almost one year after a devastating snowstorm wiped out thousands of trees in Omaha, NE, residents continue to plant trees offered through a tree-replacement program. Sept. 1, page 14

USDA Seeking Wetland Plant Producers. The USDA-Natural Resources Conservation Service Jamie L. Whitten Plant Materials Center requests information from producers of wetland plant species to update its Directory of Wetland Plant Vendors. June 15, page 19

Overcoming Inspection Anxiety. With proper preparation, you needn't fear nursery inspections. An agriculture inspector offers some tips on how to make the best of your next site visit. Margaret Bemis Klein. Feb. 1, page 30

Western Maine Celebrates 75 Years. July 1, page 18

Wiegand's Nursery Dedicates Display Gardens. Oct. 15, page 16

ON-LINE INFORMATION

Internet Basics and Improving Your Business. Labor Watch. Jansen Chazanoff. April 1, page 10

Possible Peat Moss Shortage for Growers. News brief. Jan. 1, page 14

Setting Up Shop. Business owners should consider several factors before creating a Web site on the Internet. Phillip M. Perry. Aug. 15, page 69

Publication Addresses Economic Issues in

Software Improved to Stop Junk E-Mail. Sendmail Inc., Emeryville, CA,

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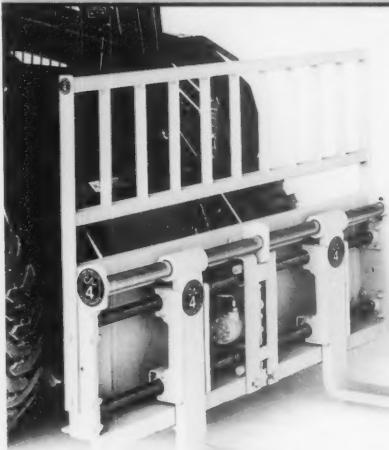
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introduces a new version of its software that routes e-mail through companies and institutions to on-line users. May 1, page 18

Weeks Unveils Rose Web Site. News brief. May 15, page 8

PATENTS/TRADEMARKS

Trademark Rights Infringed Over the Internet. Oct. 1, page 24

Trademark Tactics.

Trademarks may be the best and least expensive way to protect your new plant varieties from being marketed and sold by competitors. Vincent G. Gioia. Oct. 1, page 91

PEST/DISEASE CONTROL (see also INTEGRATED PEST MANAGEMENT)

1998 IPM Almanac Available from Gempler's Inc. Pest Control brief. June 15, page 10

1998-99 Pesticide Directory Available. Pest Control brief. Oct. 1, page 18

Additional Pamphlets Teach Safe Pesticide Handling. Pest Control brief. June 1, page 12

Ambrosia Beetles Burrow Into North Carolina. June 1, page 12

Anthracnose Disease Defoliates Trees in Ohio. Sept. 1, page 12

Arkansas Counties Added to Fire Ant Quarantine. Pest Control brief. Sept. 1, page 12

Asian Longhorned Beetle Infests Chicago. Sept. 15, page 10

Asian Longhorned Beetle Spreads Through Chicago. Pest Control brief. Oct. 15, page 10

Ball Publishes Guide to Greenhouse Pests. Pest Control brief. June 15, page 10

Biologicals Provide Natural Control for Aphids. Nov. 1, page 14

Broadcast Control Method Proved Effective. Pest Control brief. April 15, page 10

Japanese Beetle Harmonization Plan Approved. Pest Control brief. Dec. 1, page 10

Japanese Beetle Trapping to Continue in Minne-

Canada Modifies Japanese Beetle Quarantine. Pest Control brief. Aug. 1, page 14

Controlling Pests of Christmas Trees. July 15, page 8

Delaware Debates Regulating Purple Loosestrife. Pest Control brief. Aug. 1, page 14

Diverse Plantings Help Save Elms. Dec. 15, page 8

Eco Corps Battles 'Honeysuckle Jungle'. Pest Control brief. March 1, page 8

EPA Loosens Restrictions on Glove Liners. Pest Control brief. Feb. 15, page 8

Fall Webworm Populations in Check in Southwest. March 1, page 8

Fire Ant Populations Head North to Tennessee. Jan. 15, page 10

Get Offered as Alternative to Chemicals. Pest Control brief. March 1, page 8

Grass Control For Planting Beds Available. Pest Control brief. March 1, page 8

Growing Pains. Unseasonable rain and heat brought prime conditions for disease development at nurseries this past season. Growers are taking steps now to avoid problems next year. Kathleen Lucadamo. Nov. 15, page 26

Honey Locust Pod Gall Midge Targeted on West Coast. Oct. 1, page 18

Imported Willow Leaf Beetle Increasing in Connecticut. May 1, page 14

Infestation of Gypsy Moth in Canada Threatens Western Growers. Dec. 1, page 10

Japanese Beetle Harmonization Plan Approved. Pest Control brief. Dec. 1, page 10

Japanese Beetle Trapping to Continue in Minne-

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sota. Pest Control brief. Aug. 15, page 10

Kansas Keeps Lilac Borer in Check. July 1, page 12

Kansas Officials Hope to Eradicate Grecian Foxglove. Pest Control brief. Sept. 1, page 12

The Killing Fields. To eradicate black vine weevil and other major pests from US nurseries, growers need to find a balance between insecticides and biological controls. Selective chemicals, predatory mites and spot treatments can destroy harmful pests while keeping beneficial insect populations intact. Jim Van Dellen. April 15, page 22

Lace Bugs Infest Landscapes Throughout Midwest. May 15, page 12

Ladybugs Grounded for Biological Control. Pest Control brief. Dec. 15, page 8

Leaf Scorch Attacks Oleanders Throughout California. Feb. 15, page 8

Minnesota Opens Biological Control Facility. Pest Control brief. Oct. 15, page 10

Minnesota Prepares for Gypsy Moth. Pest Control brief. Dec. 15, page 9

Minnesota to List Buckthorn as Noxious Weed. Dec. 1, page 8

Monterey Introduces General Disinfectant. Pest Control brief. May 15, page 12

Natural Enemies Released to Combat Giant Whitefly. Pest Control brief. Aug. 15, page 10

New Application System for Preclude Growth Regulator. Pest Control brief. Feb. 1, page 8

New Package Design for Scotts Insecticide. Pest Control brief. July 15, page 8

No Guarantee for Pest Free. Because native plants are not necessarily pest free, nursery professionals should use the

plants best suited for a site in landscape designs. Dr. Gary W. Knox and Dr. Russell F. Mizell III. Nov. 1, page 50

Novartis Product Line Repackaged. Pest Control brief. March 15, page 8

Oak Wilt Taking Root in South Carolina. Aug. 1, page 14

Oregon Battles Incoming Gypsy Moth Populations. Jan. 1, page 8

Oregon Gypsy Moth Population Kept in Check. Pest Control brief. Nov. 1, page 14

Oregon Program Sprays for Gypsy Moth Control. Pest Control brief. May 15, page 12

Ornamental Birch Trees Mined in Minnesota. June 15, page 10

Pest-Identification Guide Available. Pest Control brief. April 1, page 8

Physan 20 Cleared for Use on Plants in California. Pest Control brief. Aug. 15, page 10

Pine Moths Infest the Midwest. April 15, page 10

Preventive Measures Reduce Chemicals Needed for Liverwort Control. Oct. 15, page 10

Proper Disposal of Christmas Trees Prevents Spread of Pine Shoot Beetle. Pest Control brief. Dec. 1, page 8

Red Imported Fire Ant Found in Delaware. Pest Control brief. Dec. 1, page 1, page 8

Regulations Imposed on Chinese Exports to Stop Spread of Asian Long-horned Beetle. Dec. 1, page 10

Sawfly Spreads through Colorado. April 1, page 8

Scotts Publishes Plant Protection Label Book. Pest Control brief. July 1, page 12

Soil-Injection Application Approved for Ohio Nurseries. Pest Control brief. Feb. 15, page 8

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Zeneca Opens Product Information Fax Line. Pest Control brief. May 1, page 14

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A Plant for All Seasons. Arum italicum subsp. italicum is a tough, low-maintenance, cold-hardy perennial with year-long interest, especially in the dead of winter. Andy Upshaw. Jan. 15, page 36

Annual Attraction. The market is strong for diverse lines of bedding plants. Find out what annuals to stock and how to display them for the spring 1999 retail season. Don Grey. Oct. 15, page 36

Atlanta Botanical Garden Unveils All-Green Purple Pitcher Plant. Jan. 1, page 14

Breeding Grounds. The US National Arboretum in Washington, DC, is developing attractive, pest- and disease-resistant woody landscape plants. Alex Noden. March 15, page 46

Minor Bulbs, Major Impact. Minor bulbs make a major contribution to well-planned spring landscapes. No matter what your design calls for, there's a lesser-known bulb to brighten any garden. Jill Selinger. Aug. 15, page 32

Cool Veggies. Leafy-green vegetables make cool companions to winter annuals. They're also easy to grow — and sell. Jenks Farmer. July 1, page 30

Consumers Prefer Large-Flowered Roses. News brief. May 15, page 14

Flower Carpet® Apple-blossom Makes US Debut. Flower Carpet USA Inc. has introduced its pastel pink variety of groundcover rose to consumers. June 15, page 18

Forgotten, But Not Gone. Nursery professionals can expand their planting options by rediscovering interesting, underused shrubs. Kathy Freeland. Sept. 1, page 66

Garden Elegance. Growers can offer a smorgasbord of epimediums with many underused varieties and new ones from China. Darrell R. Probst. March 1, page 34

The Grass Menagerie. As interest in ornamental grasses grows, attention will also shift to grasslike plants and grass allies. Here's a look at what some of these plants have to offer. Pat McNeal. July 15, page 60

Keeping a Dream Alive. J.C. Raulston envisioned arboreta working together with wholesale growers, retailers and the general public to enhance landscapes and the industry as a whole. Today, the JC Raulston Selections program is making that vision a reality. Jonathan Nyberg. Feb. 15, page 32

Letting the Grass Grow. Unique beauty, diverse landscape uses and a wide variety for most conditions make ornamental grasses ideal for the Rocky Mountain region. Alex Noden. March 15, page 46

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The People's Perennials. Consumers and growers compare notes on which perennials are popular

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Yellow Impatiens wallerana Developed — Finally. Researchers at the University of Connecticut, Storrs, have developed the first yellow *Impatiens wallerana*. May 1, page 18

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A River Runs Through Them. Nursery and greenhouse operations located in a North Carolina watershed will have to do their part to reduce water pollution. Dr. Ted Bilderback. July 15, page 79

Environmental Activists Fight Water Pollution. Environmental activists file lawsuits in 23 states demanding that government authorities improve the overall quality of watersheds. News brief. April 15, page 12

Research Surveys Pesticide Levels in US Surface Waters. Pest Control brief. Feb. 15, page 8

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MDA Cancels TruGreen Chemlawn Pesticide-Applicator Licenses. The Minnesota Department of Agriculture cancels the licenses of 38 TruGreen Chemlawn pesticide applicators after several copies of the state certification test were found in the company's Burnsville office. Aug. 1, page 18

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Father Knows Best. After more than a century, the first planned community in America continues to praise — and follow — the design principles of Frederick Law Olmsted. Jennifer Hooks. Sept. 1, page 60

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Propagating Woody Plants by Seed. Here's a guide that can help growers germinate seed of woody plants common to the nursery industry. Richard A. Larson. Oct. 1, page 39

Raging Hormones. Rooting hormones are designed to stimulate and accelerate root growth, and several products containing auxins have been introduced commercially. What type of hormone and what application method to use depends on what type of cutting you are treating. Jim Van Dellen. Jan. 1, page 42

Reap What You Sow. Despite the advancements in propagation by cuttings, seed propagation remains the most predominant method of expanding the genetic diversity of woody plants. Learn how to achieve success by properly propagating woody landscape plants by seed. Richard A. Larson. July 15, page 36

Taking Root. As the demand for weeping yaupon increases, so does the plant's value. Learn how to help this popular plant take root and grow rapidly into a salable liner. Tim Gwaltney. May 1, page 40

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MN Container Recycling Program Successful. Minnesota Department of Agriculture's Empty Pesticide Container Collection and Recycling Program collected 385,000 empty pesticide containers in 1997. News brief. Feb. 1, page 18

NC Pesticide-Container Recycling Program Recognized. The North Carolina Department of Agriculture's pesticide-container recycling program received the National Environmental Service Award from the Agricultural Container Research Council. July 1, page 14

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Field Trials Conducted on Dutch Elm Disease Serum. Bartlett Tree Research Laboratories, Charlotte, NC, conducts field trials on Dutch Trig, a new biological control agent that has proved successful in treating Dutch elm disease in Europe. Aug. 15, page 14

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Gypsum in Dry Wall Improves Soil Quality. Researchers at The Ohio State University's Agricultural Technical Institute in Wooster have discovered that the gypsum present in dry wall can be used to improve the quality of soil. June 1, page 18

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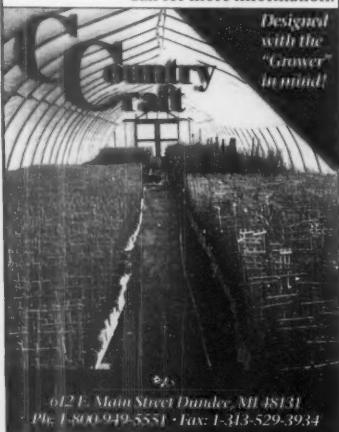
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Learning Lessons from Customer Disloyalty. Dr. Forrest E. Stegelin. March 15, page 70

Lemon-Scented Geranium Removes Heavy Metals from Soil. Researchers at the University of Guelph have discovered that lemon-scented geraniums are capable of absorbing and accumulating large amounts of heavy metals from soil. March 15, page 18

Michigan Nursery Professionals Reject Research Program. Michigan nursery professionals reject a \$50 licensing fee that would have generated money to fund a statewide research program for the industry. Sept. 1, page 16

Natural Resistance of *Malus* to Adult Japanese Beetles. Amy F. Fulcher, Dr. Thomas G. Ranney, Dr. James D. Burton, Dr. James F. Walgenbach and Dr. David A. Danehower. Nov. 15, page 56

Natural Resistance of *Prunus* to Adult Japanese Beetles. Cynthia A. Patton, Dr. Thomas G. Ranney, Dr. James D. Burton and Dr. James F. Walgenbach. May 15, page 70

New England Floriculture Awards Grants. New England Floriculture Inc. awards \$15,000 in grants to support research benefiting the floriculture industry in New England. News brief. July 1, page 14

Testing Hollies for Tolerance to Flooding and High Temperatures. Dr. Thomas G. Ranney. Feb. 15, page 50

Texas Extension Service Evaluates Junk Mail Compost. Horticulturists at the Texas A&M Extension Service conducts tests on the effectiveness of compost made from junk mail. March 15, page 12

Using Informational Displays in Garden Centers. Robert F. Polomski, Richard L. Poling and Paul S. Thompson. Oct. 15, page 54

Western USDA Program Seeks Grant Proposal. The USDA's Western Region Sustainable Agriculture Research and Education program accepts proposals for research, education and professional development grants. Aug. 15, page 19

Worm Warriors. Research field trials conducted by University of Maryland researchers suggest that entomopathogenic nematodes could be a safe solution to *iris borer*. Stanton Gill and Michael Raupp. Feb. 1, page 38

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GCA Conducts Operating-Costs Survey. Garden Centers of America undertakes a nationwide study of operating costs at independent garden centers. News brief. May 1, page 16

Little House on the Table. Collectible giftware items dominate garden center displays during the holiday season. Find out what else garden centers are stocking for Christmas 1998. Jim Van Dellen. July 15, page 24

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Same Space, New Face. A Michigan retail and wholesale nursery converts an old greenhouse into a successful water garden operation. Melissa Current. June 1, page 46

Service Promotes Garden Products to Consumers. The Lawn & Garden Experts launches a consumer information service designed to increase retail sales this spring. Feb. 15, page 16

Streamlining with Systems. A point-of-sale system can help retailers control inventory and track customer sales. Robert Schmitz. Dec. 1, page 49

Survey Says ... A survey of retail nurseries in Georgia helps growers across the country better serve the marketing needs of garden centers. Dr. Melvin P. Garber. July 15, page 87

Weeding Through a Problem. Purchasing the wrong herbicides can cost a homeowner time and money. Help your garden center customers choose the correct weed-control products and use them properly. Mary Ann Rose. Jan. 1, page 46

Western Garden Center Chain Established. SummerWinds Garden Centers Inc., headquartered in Boise, ID, establishes a garden center chain in the western US. May 1, page 20

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Small-Business Owners Sound Off in National Survey. The New England Business Service Inc. sponsors a national survey of small-business owners focusing on automation, cash flow trends and lifestyle issues. Nov. 15, page 16

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Florida Coalition Lobbying for Changes in Tree Standards. A coalition of 12 Florida associations and organizations lobbies the nursery industry to adopt the state's new grades and standards for trees in order to achieve environmental sustainability. Aug. 1, page 16

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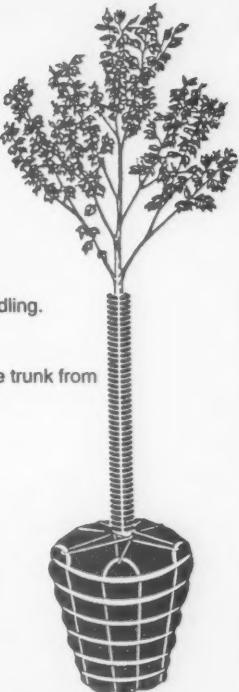
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DOL Releases Nursery Industry Outlook Report. People interested in nursery industry jobs should find excellent opportunities in the future, according to a report from the US Department of Labor. Sept. 1, page 18

Florida Remains Tropical Foliage Leader. July 15, page 16

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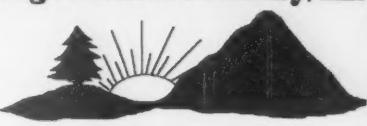
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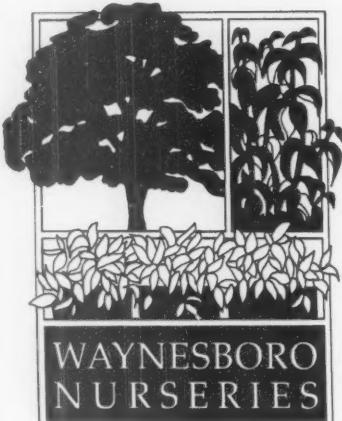
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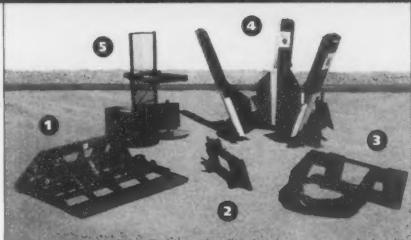


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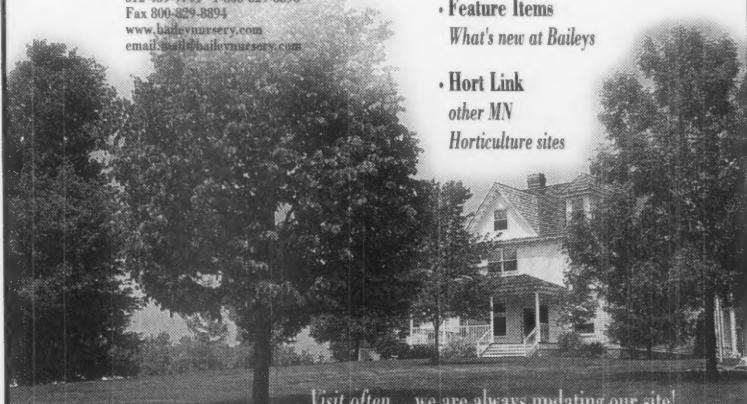
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